

Pt. 63, Subpt. JJJJJ, Table 5

40 CFR Ch. I (7–1–13 Edition)

To conduct a performance test for the following pollutant. . .	You must. . .	Using. . .
2. Mercury .....	<p>e. Measure the particulate matter emission concentration.</p> <p>f. Convert emissions concentration to lb/MMBtu emission rates.</p> <p>a. Select sampling ports location and the number of traverse points.</p> <p>b. Determine velocity and volumetric flow-rate of the stack gas.</p> <p>c. Determine oxygen and carbon dioxide concentrations of the stack gas.</p> <p>d. Measure the moisture content of the stack gas.</p> <p>e. Measure the mercury emission concentration.</p>	<p>Method 5 or 17 (positive pressure fabric filters must use Method 5D) in appendix A–3 and A–6 to part 60 of this chapter and a minimum 1 dscm of sample volume per run.</p> <p>Method 19 F-factor methodology in appendix A–7 to part 60 of this chapter.</p> <p>Method 1 in appendix A–1 to part 60 of this chapter.</p> <p>Method 2, 2F, or 2G in appendix A–2 to part 60 of this chapter.</p> <p>Method 3A or 3B in appendix A–2 to part 60 of this chapter, or ASTM D6522–00 (Reapproved 2005),<sup>a</sup> or ANSI/ASME PTC 19.10–1981.<sup>a</sup></p> <p>Method 4 in appendix A–3 to part 60 of this chapter.</p> <p>Method 29, 30A, or 30B in appendix A–8 to part 60 of this chapter or Method 101A in appendix B to part 61 of this chapter or ASTM Method D6784–02.<sup>3</sup> Collect a minimum 2 dscm of sample volume with Method 29 of 101A per run. Use a minimum run time of 2 hours with Method 30A.</p>
3. Carbon Monoxide .....	<p>f. Convert emissions concentration to lb/MMBtu emission rates.</p> <p>a. Select the sampling ports location and the number of traverse points.</p> <p>b. Determine oxygen and carbon dioxide concentrations of the stack gas.</p> <p>c. Measure the moisture content of the stack gas.</p> <p>d. Measure the carbon monoxide emission concentration.</p>	<p>Method 19 F-factor methodology in appendix A–7 to part 60 of this chapter.</p> <p>Method 1 in appendix A–1 to part 60 of this chapter.</p> <p>Method 3A or 3B in appendix A–2 to part 60 of this chapter, or ASTM D6522–00 (Reapproved 2005),<sup>a</sup> or ANSI/ASME PTC 19.10–1981.<sup>a</sup></p> <p>Method 4 in appendix A–3 to part 60 of this chapter.</p> <p>Method 10, 10A, or 10B in appendix A–4 to part 60 of this chapter or ASTM D6522–00 (Reapproved 2005)<sup>a</sup> and a minimum 1 hour sampling time per run.</p>

<sup>a</sup> Incorporated by reference, see § 63.14.

TABLE 5 TO SUBPART JJJJJ OF PART 63—FUEL ANALYSIS REQUIREMENTS

As stated in § 63.11213, you must comply with the following requirements for fuel analysis testing for affected sources:

To conduct a fuel analysis for the following pollutant . . .	You must. . .	Using . . .
1. Mercury .....	<p>a. Collect fuel samples .....</p> <p>b. Compose fuel samples .....</p> <p>c. Prepare composited fuel samples .....</p> <p>d. Determine heat content of the fuel type.</p> <p>e. Determine moisture content of the fuel type</p> <p>f. Measure mercury concentration in fuel sample</p> <p>g. Convert concentrations into units of lb/MMBtu of heat content</p>	<p>Procedure in § 63.11213(b) or ASTM D2234/D2234M<sup>a</sup> (for coal) or ASTM D6323<sup>a</sup> (for biomass) or equivalent.</p> <p>Procedure in § 63.11213(b) or equivalent.</p> <p>EPA SW–846–3050B<sup>a</sup> (for solid samples) or EPA SW–846–3020A<sup>a</sup> (for liquid samples) or ASTM D2013/D2013M<sup>a</sup> (for coal) or ASTM D5198<sup>a</sup> (for biomass) or equivalent.</p> <p>ASTM D5865<sup>a</sup> (for coal) or ASTM E711<sup>a</sup> (for biomass) or equivalent.</p> <p>ASTM D3173<sup>a</sup> or ASTM E871<sup>a</sup> or equivalent.</p> <p>ASTM D6722<sup>a</sup> (for coal) or EPA SW–846–7471B<sup>a</sup> (for solid samples) or EPA SW–846–7470A<sup>a</sup> (for liquid samples) or equivalent.</p>

<sup>a</sup> Incorporated by reference, see § 63.14.